

2003-2005 Phoenix-Mesa MSA Occupation Projections

Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
00-0000	Total, All Occupations	1,745,350	1,850,819	105,469	6.04%	52,735	42,737	95,472
11-0000	Management Occupations	103,682	109,352	5,670	5.47%	2,835	1,697	4,532
11-1000	Top Executives	25,936	27,461	1,525	5.88%	763	433	1,196
11-1011	Chief Executives	7,235	7,681	446	6.16%	223	121	344
11-1021	General and Operations Managers	18,517	19,590	1,073	5.79%	537	310	847
11-1031	Legislators	184	190	6	3.26%	3	2	5
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	11,318	11,985	667	5.89%	334	186	520
11-2011	Advertising and Promotions Managers	867	907	40	4.61%	20	14	34
11-2021	Marketing Managers	3,183	3,331	148	4.65%	74	53	127
11-2022	Sales Managers	6,371	6,795	424	6.66%	212	106	318
11-2031	Public Relations Managers	897	952	55	6.13%	28	14	42
11-3000	Operations Specialties Managers	24,158	25,307	1,149	4.76%	575	355	930
11-3011	Administrative Services Managers	4,013	4,259	246	6.13%	123	69	192
11-3021	Computer and Information Systems Managers	3,793	3,973	180	4.75%	90	61	151
11-3031	Financial Managers	9,263	9,736	473	5.11%	237	112	349
11-3040	Human Resources Managers	3,016	3,186	170	5.64%	85	41	126
11-3051	Industrial Production Managers	1,767	1,777	10	0.57%	5	31	36
11-3061	Purchasing Managers	1,312	1,336	24	1.83%	12	25	37
11-3071	Transportation, Storage, and Distribution Managers	994	1,040	46	4.63%	23	18	41
11-9000	Other Management Occupations	42,270	44,599	2,329	5.51%	1,165	724	1,889
11-9011	Farm, Ranch, and Other Agricultural Managers	1,446	1,428	-18	-1.24%	-9	24	15
11-9012	Farmers and Ranchers	42	39	-3	-7.14%	-2	0	-2
11-9021	Construction Managers	4,245	4,934	689	16.23%	345	68	413
11-9031	Education Administrators, Preschool and Child Care Center/Program	709	787	78	11.00%	39	16	55
11-9032	Education Administrators, Elementary and Secondary School	1,898	2,137	239	12.59%	120	42	162
11-9033	Education Administrators, Postsecondary	1,043	1,213	170	16.30%	85	23	108
11-9039	Education Administrators, All Other	192	208	16	8.33%	8	4	12
11-9041	Engineering Managers	3,648	3,740	92	2.52%	46	66	112
11-9051	Food Service Managers	7,517	7,810	293	3.90%	147	114	261
11-9061	Funeral Directors	79	83	4	5.06%	2	3	5
11-9071	Gaming Managers	129	130	1	0.78%	1	2	3
11-9081	Lodging Managers	963	993	30	3.12%	15	15	30
11-9111	Medical and Health Services Managers	2,708	3,006	298	11.00%	149	46	195
11-9121	Natural Sciences Managers	298	324	26	8.72%	13	5	18
11-9131	Postmasters and Mail Superintendents	44	47	3	6.82%	2	1	3
11-9141	Property, Real Estate, and Community Association Managers	3,251	3,440	189	5.81%	95	55	150
11-9151	Social and Community Service Managers	1,877	2,057	180	9.59%	90	32	122

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11-9199	Managers, All Other	12,181	12,223	42	0.34%	21	212	233
13-0000	Business and Financial Operations Occupations	83,128	87,929	4,801	5.78%	2,401	1,291	3,692
13-1000	Business Operations Specialists	41,521	44,121	2,600	6.26%	1,300	622	1,922
13-1011	Agents and Business Managers of Artists, Performers, and	186	199	13	6.99%	7	4	11
13-1021	Purchasing Agents and Buyers, Farm Products	394	417	23	5.84%	12	14	26
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,786	1,826	40	2.24%	20	46	66
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	2,607	2,718	111	4.26%	56	61	117
13-1031	Claims Adjusters, Examiners, and Investigators	4,380	4,579	199	4.54%	100	47	147
13-1032	Insurance Appraisers, Auto Damage	208	216	8	3.85%	4	2	6
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,583	1,653	70	4.42%	35	34	69
13-1051	Cost Estimators	2,711	3,073	362	13.35%	181	56	237
13-1061	Emergency Management Specialists	69	74	5	7.25%	3	2	5
13-1071	Employment, Recruitment, and Placement Specialists	2,798	2,961	163	5.83%	82	36	118
13-1072	Compensation, Benefits, and Job Analysis Specialists	1,108	1,179	71	6.41%	36	14	50
13-1073	Training and Development Specialists	4,328	4,612	284	6.56%	142	56	198
13-1111	Management Analysts	12,641	13,436	795	6.29%	398	150	548
13-1121	Meeting and Convention Planners	722	764	42	5.82%	21	15	36
13-1199	Business Operations Specialists, All Other	6,000	6,414	414	6.90%	207	89	296
13-2000	Financial Specialists	41,607	43,808	2,201	5.29%	1,101	669	1,770
13-2011	Accountants and Auditors	17,756	18,888	1,132	6.38%	566	309	875
13-2021	Appraisers and Assessors of Real Estate	3,922	4,075	153	3.90%	77	77	154
13-2031	Budget Analysts	2,026	2,131	105	5.18%	53	29	82
13-2041	Credit Analysts	3,458	3,581	123	3.56%	62	48	110
13-2051	Financial Analysts	3,102	3,225	123	3.97%	62	41	103
13-2052	Personal Financial Advisors	1,531	1,646	115	7.51%	58	18	76
13-2053	Insurance Underwriters	1,894	1,978	84	4.44%	42	32	74
13-2061	Financial Examiners	349	363	14	4.01%	7	7	14
13-2071	Loan Counselors	639	671	32	5.01%	16	9	25
13-2072	Loan Officers	5,318	5,553	235	4.42%	118	76	194
13-2081	Tax Examiners, Collectors, and Revenue Agents	261	275	14	5.36%	7	6	13
13-2082	Tax Preparers	673	717	44	6.54%	22	10	32
13-2099	Financial Specialists, All Other	678	705	27	3.98%	14	11	25
15-0000	Computer and Mathematical Occupations	38,020	39,777	1,757	4.62%	879	442	1,321
15-1000	Computer Specialists	36,792	38,512	1,720	4.67%	860	416	1,276
15-1011	Computer and Information Scientists, Research	353	342	-11	-3.12%	-6	4	-2
15-1021	Computer Programmers	5,421	5,449	28	0.52%	14	119	133
15-1031	Computer Software Engineers, Applications	4,055	4,278	223	5.50%	112	33	145
15-1032	Computer Software Engineers, Systems Software	2,910	2,967	57	1.96%	29	23	52

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15-1041	Computer Support Specialists	10,049	10,616	567	5.64%	284	106	390
15-1051	Computer Systems Analysts	6,948	7,418	470	6.76%	235	66	301
15-1061	Database Administrators	1,179	1,255	76	6.45%	38	10	48
15-1071	Network and Computer Systems Administrators	3,059	3,179	120	3.92%	60	28	88
15-1081	Network Systems and Data Communications Analysts	2,070	2,217	147	7.10%	74	21	95
15-1099	Computer Specialists, All Other	748	791	43	5.75%	22	7	29
15-2000	Mathematical Scientists	1,228	1,265	37	3.01%	19	26	45
15-2011	Actuaries	60	64	4	6.67%	2	3	5
15-2021	Mathematicians	**	**	**	0.00%	**	**	**
15-2031	Operations Research Analysts	1,054	1,083	29	2.75%	15	21	36
15-2041	Statisticians	88	91	3	3.41%	2	2	4
15-2091	Mathematical Technicians	**	**	**	0.00%	**	**	**
15-2099	Mathematical Science Occupations, All Other	**	**	**	20.00%	**	**	**
17-0000	Architecture and Engineering Occupations	44,782	45,731	949	2.12%	475	925	1,400
17-1000	Architects, Surveyors, and Cartographers	4,035	4,392	357	8.85%	179	76	255
17-1011	Architects, Except Landscape and Naval	2,284	2,512	228	9.98%	114	23	137
17-1012	Landscape Architects	408	447	39	9.56%	20	4	24
17-1021	Cartographers and Photogrammetrists	85	92	7	8.24%	4	3	7
17-1022	Surveyors	1,258	1,341	83	6.60%	42	46	88
17-1099	Architects, Surveyors, and Cartographers, All Other (OES	**	**	**	0.00%	**	**	**
17-2000	Engineers	24,583	24,839	256	1.04%	128	491	619
17-2011	Aerospace Engineers	2,308	2,279	-29	-1.26%	-15	56	42
17-2021	Agricultural Engineers	46	49	3	6.52%	2	2	4
17-2031	Biomedical Engineers	105	117	12	11.43%	6	2	8
17-2041	Chemical Engineers	147	158	11	7.48%	6	5	11
17-2051	Civil Engineers	4,120	4,404	284	6.89%	142	60	202
17-2061	Computer Hardware Engineers	1,583	1,554	-29	-1.83%	-15	24	10
17-2071	Electrical Engineers	3,727	3,712	-15	-0.40%	-8	67	60
17-2072	Electronics Engineers, Except Computer	4,566	4,476	-90	-1.97%	-45	83	38
17-2081	Environmental Engineers	523	566	43	8.22%	22	8	30
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	767	806	39	5.08%	20	18	38
17-2112	Industrial Engineers	1,841	1,845	4	0.22%	2	42	44
17-2121	Marine Engineers and Naval Architects	**	**	**	0.00%	**	**	**
17-2131	Materials Engineers	224	223	-1	-0.45%	-1	6	6
17-2141	Mechanical Engineers	3,350	3,338	-12	-0.36%	-6	93	87
17-2151	Mining and Geological Engineers, Including Mining Safety	39	38	-1	-2.56%	-1	1	1
17-2161	Nuclear Engineers	517	527	10	1.93%	5	15	20
17-2171	Petroleum Engineers	**	**	**	7.14%	**	**	**

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17-2199	Engineers, All Other	702	728	26	3.70%	13	13	26
17-3000	Drafters, Engineering, and Mapping Technicians	16,164	16,500	336	2.08%	168	358	526
17-3011	Architectural and Civil Drafters	1,432	1,531	99	6.91%	50	39	89
17-3012	Electrical and Electronics Drafters	1,566	1,556	-10	-0.64%	-5	43	38
17-3013	Mechanical Drafters	902	910	8	0.89%	4	25	29
17-3021	Aerospace Engineering and Operations Technicians	428	423	-5	-1.17%	-3	9	7
17-3022	Civil Engineering Technicians	1,380	1,477	97	7.03%	49	27	76
17-3023	Electrical and Electronic Engineering Technicians	6,869	6,885	16	0.23%	8	133	141
17-3024	Electro-Mechanical Technicians	177	178	1	0.56%	1	4	5
17-3025	Environmental Engineering Technicians	142	155	13	9.15%	7	3	10
17-3026	Industrial Engineering Technicians	1,092	1,101	9	0.82%	5	21	26
17-3027	Mechanical Engineering Technicians	978	1,020	42	4.29%	21	19	40
17-3031	Surveying and Mapping Technicians	647	706	59	9.12%	30	26	56
17-3099	Drafters, Engineering, and Mapping Technicians, All Other	551	558	7	1.27%	4	13	17
19-0000	Life, Physical, and Social Science Occupations	9,376	10,038	662	7.06%	331	219	550
19-1000	Life Scientists	1,171	1,270	99	8.45%	50	25	75
19-1010	Agricultural and Food Scientists	41	41	0	0.00%	0	1	1
19-1021	Biochemists and Biophysicists	32	34	2	6.25%	1	1	2
19-1022	Microbiologists	74	78	4	5.41%	2	3	5
19-1023	Zoologists and Wildlife Biologists	112	115	3	2.68%	2	4	6
19-1029	Biological Scientists, All Other	71	75	4	5.63%	2	2	4
19-1031	Conservation Scientists	44	45	1	2.27%	1	1	2
19-1032	Foresters	86	89	3	3.49%	2	3	5
19-1041	Epidemiologists	83	89	6	7.23%	3	2	5
19-1042	Medical Scientists, Except Epidemiologists	535	602	67	12.52%	34	9	43
19-1099	Life Scientists, All Other	93	102	9	9.68%	5	2	7
19-2000	Physical Scientists	1,594	1,699	105	6.59%	53	35	88
19-2011	Astronomers	**	**	**	0.00%	**	**	**
19-2012	Physicists	141	156	15	10.64%	8	5	13
19-2021	Atmospheric and Space Scientists	**	**	**	0.00%	**	**	**
19-2031	Chemists	373	394	21	5.63%	11	13	24
19-2032	Materials Scientists	65	66	1	1.54%	1	2	3
19-2041	Environmental Scientists and Specialists, Including Health	616	659	43	6.98%	22	10	32
19-2042	Geoscientists, Except Hydrologists and Geographers	107	117	10	9.35%	5	2	7
19-2043	Hydrologists	245	260	15	6.12%	8	4	12
19-2099	Physical Scientists, All Other	30	30	0	0.00%	0	1	1
19-3000	Social Scientists and Related Workers	4,862	5,199	337	6.93%	169	120	289
19-3011	Economists	140	148	8	5.71%	4	4	8
19-3021	Market Research Analysts	1,700	1,758	58	3.41%	29	44	73

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19-3022	Survey Researchers	228	236	8	3.51%	4	6	10
19-3031	Clinical, Counseling, and School Psychologists	1,439	1,609	170	11.81%	85	30	115
19-3032	Industrial-Organizational Psychologists	**	**	**	10.53%	**	**	**
19-3041	Sociologists	88	93	5	5.68%	3	3	6
19-3051	Urban and Regional Planners	682	719	37	5.43%	19	22	41
19-3091	Anthropologists and Archeologists	73	76	3	4.11%	2	2	4
19-3092	Geographers	**	**	**	0.00%	**	**	**
19-3093	Historians	**	**	**	0.00%	**	**	**
19-3094	Political Scientists	**	**	**	0.00%	**	**	**
19-3099	Social Scientists and Related Workers, All Other	478	524	46	9.62%	23	10	33
19-4000	Life, Physical, and Social Science Technicians	1,749	1,870	121	6.92%	61	41	102
19-4011	Agricultural and Food Science Technicians	35	33	-2	-5.71%	-1	1	0
19-4021	Biological Technicians	95	100	5	5.26%	3	2	5
19-4031	Chemical Technicians	222	226	4	1.80%	2	5	7
19-4041	Geological and Petroleum Technicians	**	**	**	0.00%	**	**	**
19-4051	Nuclear Technicians	**	**	**	9.23%	**	**	**
19-4091	Environmental Science and Protection Technicians, Including Health	131	143	12	9.16%	6	3	9
19-4092	Forensic Science Technicians	348	371	23	6.61%	12	8	20
19-4093	Forest and Conservation Technicians	166	175	9	5.42%	5	4	9
19-4099	Life, Physical, and Social Science Technicians, All Other	345	378	33	9.57%	17	8	25
21-0000	Community and Social Services Occupations	17,595	19,302	1,707	9.70%	854	301	1,155
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	15,088	16,630	1,542	10.22%	771	264	1,035
21-1011	Substance Abuse and Behavioral Disorder Counselors	553	613	60	10.85%	30	12	42
21-1012	Educational, Vocational, and School Counselors	2,351	2,628	277	11.78%	139	49	188
21-1013	Marriage and Family Therapists	189	207	18	9.52%	9	4	13
21-1014	Mental Health Counselors	1,476	1,640	164	11.11%	82	31	113
21-1015	Rehabilitation Counselors	1,381	1,537	156	11.30%	78	29	107
21-1021	Child, Family, and School Social Workers	3,026	3,253	227	7.50%	114	45	159
21-1022	Medical and Public Health Social Workers	686	767	81	11.81%	41	10	51
21-1023	Mental Health and Substance Abuse Social Workers	1,213	1,324	111	9.15%	56	18	74
21-1091	Health Educators	247	263	16	6.48%	8	4	12
21-1092	Probation Officers and Correctional Treatment Specialists	1,503	1,582	79	5.26%	40	24	64
21-1093	Social and Human Service Assistants	2,463	2,816	353	14.33%	177	39	216
21-2000	Religious Workers	1,030	1,080	50	4.85%	25	13	38
21-2011	Clergy	311	326	15	4.82%	8	6	14
21-2021	Directors, Religious Activities and Education	719	754	35	4.87%	18	7	25
21-9000	Miscellaneous Counselors, Social, & Religious Workers	1,477	1,592	115	7.79%	58	25	83

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21-9099	Counselors, Social, and Religious Workers, All Other (OES)	1,477	1,592	115	7.79%	58	25	83
23-0000	Legal Occupations	12,893	13,700	807	6.26%	404	136	540
23-1000	Lawyers, Judges, and Related Workers	9,502	10,140	638	6.71%	319	110	429
23-1011	Lawyers	9,053	9,670	617	6.82%	309	105	414
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	182	191	9	4.95%	5	2	7
23-1022	Arbitrators, Mediators, and Conciliators	38	39	1	2.63%	1	1	2
23-1023	Judges, Magistrate Judges, and Magistrates	229	240	11	4.80%	6	3	9
23-2000	Legal Support Workers	3,075	3,231	156	5.07%	78	24	102
23-2011	Paralegals and Legal Assistants	1,669	1,799	130	7.79%	65	11	76
23-2091	Court Reporters	114	119	5	4.39%	3	1	4
23-2092	Law Clerks	436	446	10	2.29%	5	4	9
23-2093	Title Examiners, Abstractors, and Searchers	856	867	11	1.29%	6	8	14
23-9000	Miscellaneous Legal & Related Workers	316	329	13	4.11%	7	3	10
23-9099	Legal and Related Workers, All Other (OES Only)	316	329	13	4.11%	7	3	10
25-0000	Education, Training, and Library Occupations	78,004	87,499	9,495	12.17%	4,748	1,483	6,231
25-1000	Postsecondary Teachers	15,786	17,978	2,192	13.89%	1,096	338	1,434
25-1011	Business Teachers, Postsecondary	1,338	1,558	220	16.44%	110	29	139
25-1021	Computer Science Teachers, Postsecondary	1,222	1,398	176	14.40%	88	26	114
25-1022	Mathematical Science Teachers, Postsecondary	111	125	14	12.61%	7	3	10
25-1031	Architecture Teachers, Postsecondary	**	**	**	25.00%	**	**	**
25-1032	Engineering Teachers, Postsecondary	1,255	1,472	217	17.29%	109	27	136
25-1041	Agricultural Sciences Teachers, Postsecondary	**	**	**	0.00%	**	**	**
25-1042	Biological Science Teachers, Postsecondary	334	361	27	8.08%	14	7	21
25-1043	Forestry and Conservation Science Teachers, Postsecondary	**	**	**	6.25%	**	**	**
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	**	**	**	0.00%	**	**	**
25-1052	Chemistry Teachers, Postsecondary	463	510	47	10.15%	24	10	34
25-1053	Environmental Science Teachers, Postsecondary	**	**	**	25.00%	**	**	**
25-1054	Physics Teachers, Postsecondary	**	**	**	0.00%	**	**	**
25-1061	Anthropology and Archeology Teachers, Postsecondary	**	**	**	33.33%	**	**	**
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	**	**	**	40.00%	**	**	**
25-1063	Economics Teachers, Postsecondary	283	304	21	7.42%	11	6	17
25-1064	Geography Teachers, Postsecondary	40	43	3	7.50%	2	1	3
25-1065	Political Science Teachers, Postsecondary	349	374	25	7.16%	13	8	21
25-1066	Psychology Teachers, Postsecondary	**	**	**	15.79%	**	**	**
25-1067	Sociology Teachers, Postsecondary	21	22	1	4.76%	1	1	2

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25-1071	Health Specialties Teachers, Postsecondary	1,101	1,210	109	9.90%	55	24	79
25-1072	Nursing Instructors and Teachers, Postsecondary	223	252	29	13.00%	15	5	20
25-1081	Education Teachers, Postsecondary	721	776	55	7.63%	28	16	44
25-1082	Library Science Teachers, Postsecondary	**	**	**	0.00%	**	**	**
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	32	36	4	12.50%	2	1	3
25-1112	Law Teachers, Postsecondary	**	**	**	28.57%	**	**	**
25-1113	Social Work Teachers, Postsecondary	**	**	**	0.00%	**	**	**
25-1121	Art, Drama, and Music Teachers, Postsecondary	709	767	58	8.18%	29	15	44
25-1122	Communications Teachers, Postsecondary	527	565	38	7.21%	19	12	31
25-1123	English Language and Literature Teachers, Postsecondary	1,013	1,133	120	11.85%	60	22	82
25-1124	Foreign Language and Literature Teachers, Postsecondary	384	412	28	7.29%	14	8	22
25-1125	History Teachers, Postsecondary	60	67	7	11.67%	4	2	6
25-1126	Philosophy and Religion Teachers, Postsecondary	22	25	3	13.64%	2	1	3
25-1191	Graduate Teaching Assistants	1,883	2,322	439	23.31%	220	41	261
25-1192	Home Economics Teachers, Postsecondary	57	61	4	7.02%	2	1	3
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	314	335	21	6.69%	11	7	18
25-1194	Vocational Education Teachers, Postsecondary	2,049	2,282	233	11.37%	117	44	161
25-1199	Postsecondary Teachers, All Other	1,186	1,463	277	23.36%	139	26	165
25-2000	Primary, Secondary, and Special Education School Teachers	39,998	44,742	4,744	11.86%	2,372	771	3,143
25-2011	Preschool Teachers, Except Special Education	6,072	6,771	699	11.51%	350	61	411
25-2012	Kindergarten Teachers, Except Special Education	1,632	1,855	223	13.66%	112	17	129
25-2021	Elementary School Teachers, Except Special Education	16,734	18,667	1,933	11.55%	967	326	1,293
25-2022	Middle School Teachers, Except Special and Vocational Education	3,319	3,664	345	10.39%	173	65	238
25-2023	Vocational Education Teachers, Middle School	87	97	10	11.49%	5	2	7
25-2031	Secondary School Teachers, Except Special and Vocational Education	8,057	9,036	979	12.15%	490	213	703
25-2032	Vocational Education Teachers, Secondary School	358	394	36	10.06%	18	10	28
25-2041	Special Education Teachers, Preschool, Kindergarten, and	2,468	2,812	344	13.94%	172	52	224
25-2042	Special Education Teachers, Middle School	446	505	59	13.23%	30	10	40
25-2043	Special Education Teachers, Secondary School	825	941	116	14.06%	58	18	76
25-3000	Other Teachers and Instructors	5,006	5,541	535	10.69%	268	54	322
25-3011	Adult Literacy, Remedial Education, and GED Teachers and	860	918	58	6.74%	29	9	38
25-3021	Self-Enrichment Education Teachers	2,713	3,003	290	10.69%	145	29	174
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	1,433	1,620	187	13.05%	94	16	110
25-4000	Librarians, Curators, and Archivists	2,649	2,866	217	8.19%	109	75	184
25-4010	Archivists, Curators, and Museum Technicians	243	257	14	5.76%	7	6	13

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
25-4021	Librarians	1,457	1,570	113	7.76%	57	30	87
25-4031	Library Technicians	949	1,039	90	9.48%	45	39	84
25-9000	Other Education, Training, and Library Occupations	14,565	16,372	1,807	12.41%	904	247	1,151
25-9011	Audio-Visual Collections Specialists	53	59	6	11.32%	3	1	4
25-9021	Farm and Home Management Advisors	**	**	**	0.00%	**	**	**
25-9031	Instructional Coordinators	1,603	1,831	228	14.22%	114	22	136
25-9041	Teacher Assistants	12,803	14,361	1,558	12.17%	779	223	1,002
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES Only)	104	119	15	14.42%	8	2	10
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	20,482	21,125	643	3.14%	322	353	675
27-1000	Art and Design Workers	7,882	8,267	385	4.88%	193	104	297
27-1011	Art Directors	259	270	11	4.25%	6	6	12
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	60	64	4	6.67%	2	1	3
27-1014	Multi-Media Artists and Animators	555	556	1	0.18%	1	12	13
27-1021	Commercial and Industrial Designers	354	364	10	2.82%	5	4	9
27-1022	Fashion Designers	39	41	2	5.13%	1	1	2
27-1023	Floral Designers	1,078	1,136	58	5.38%	29	13	42
27-1024	Graphic Designers	2,829	2,965	136	4.81%	68	34	102
27-1025	Interior Designers	843	912	69	8.19%	35	10	45
27-1026	Merchandise Displayers and Window Trimmers	1,194	1,237	43	3.60%	22	14	36
27-1027	Set and Exhibit Designers	232	252	20	8.62%	10	3	13
27-1099	Art and Design Workers, All Other (OES Only)	439	470	31	7.06%	16	8	24
27-2000	Entertainers and Performers, Sports and Related Workers	3,178	3,327	149	4.69%	75	77	152
27-2011	Actors	39	40	1	2.56%	1	1	2
27-2012	Producers and Directors	663	650	-13	-1.96%	-7	9	3
27-2021	Athletes and Sports Competitors	507	530	23	4.54%	12	9	21
27-2022	Coaches and Scouts	982	1,067	85	8.66%	43	18	61
27-2023	Umpires, Referees, and Other Sports Officials	133	139	6	4.51%	3	3	6
27-2031	Dancers	41	42	1	2.44%	1	3	4
27-2032	Choreographers	400	439	39	9.75%	20	28	48
27-2041	Music Directors and Composers	30	32	2	6.67%	1	1	2
27-2042	Musicians and Singers	312	315	3	0.96%	2	6	8
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	71	73	2	2.82%	1	1	2
27-3000	Media and Communication Workers	6,232	6,330	98	1.57%	49	110	159
27-3010	Announcers	439	395	-44	-10.02%	-22	12	-10
27-3020	News Analysts, Reporters and Correspondents	356	328	-28	-7.87%	-14	8	-6
27-3031	Public Relations Specialists	1,823	1,975	152	8.34%	76	24	100

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
27-3041	Editors	828	824	-4	-0.48%	-2	19	17
27-3042	Technical Writers	643	646	3	0.47%	2	17	19
27-3043	Writers and Authors	1,367	1,330	-37	-2.71%	-19	22	4
27-3091	Interpreters and Translators	473	517	44	9.30%	22	6	28
27-3099	Media and Communication Workers, All Other	303	315	12	3.96%	6	4	10
27-4000	Media and Communication Equipment Workers	3,190	3,201	11	0.34%	6	63	69
27-4011	Audio and Video Equipment Technicians	600	609	9	1.50%	5	15	20
27-4012	Broadcast Technicians	244	230	-14	-5.74%	-7	6	-1
27-4013	Radio Operators	**	**	**	0.00%	**	**	**
27-4014	Sound Engineering Technicians	106	99	-7	-6.60%	-4	3	-1
27-4021	Photographers	1,835	1,868	33	1.80%	17	33	50
27-4031	Camera Operators, Television, Video, and Motion Picture	217	214	-3	-1.38%	-2	4	3
27-4032	Film and Video Editors	129	121	-8	-6.20%	-4	3	-1
27-4099	Media and Communication Equipment Workers, All Other	56	57	1	1.79%	1	1	2
29-0000	Healthcare Practitioners and Technical Occupations	68,413	75,781	7,368	10.77%	3,684	1,172	4,856
29-1000	Health Diagnosing and Treating Practitioners	44,364	49,213	4,849	10.93%	2,425	772	3,197
29-1011	Chiropractors	921	997	76	8.25%	38	15	53
29-1020	Dentists	3,595	3,864	269	7.48%	135	52	187
29-1031	Dietitians and Nutritionists	542	591	49	9.04%	25	14	39
29-1041	Optometrists	142	152	10	7.04%	5	4	9
29-1051	Pharmacists	2,386	2,624	238	9.97%	119	44	163
29-1061	Anesthesiologists	27	31	4	14.81%	2	1	3
29-1062	Family and General Practitioners	2,081	2,284	203	9.75%	102	25	127
29-1063	Internists, General	323	354	31	9.60%	16	4	20
29-1064	Obstetricians and Gynecologists	62	68	6	9.68%	3	1	4
29-1065	Pediatricians, General	**	**	**	10.00%	**	**	**
29-1066	Psychiatrists	131	143	12	9.16%	6	2	8
29-1067	Surgeons	133	146	13	9.77%	7	2	9
29-1069	Physicians and Surgeons, All Other	2,050	2,225	175	8.54%	88	25	113
29-1071	Physician Assistants	1,741	2,004	263	15.11%	132	24	156
29-1081	Podiatrists	203	220	17	8.37%	9	5	14
29-1111	Registered Nurses	23,581	26,322	2,741	11.62%	1,371	437	1,808
29-1121	Audiologists	80	87	7	8.75%	4	2	6
29-1122	Occupational Therapists	751	842	91	12.12%	46	9	55
29-1123	Physical Therapists	1,499	1,683	184	12.27%	92	12	104
29-1124	Radiation Therapists	582	665	83	14.26%	42	12	54
29-1125	Recreational Therapists	267	290	23	8.61%	12	6	18
29-1126	Respiratory Therapists	930	1,051	121	13.01%	61	30	91
29-1127	Speech-Language Pathologists	681	765	84	12.33%	42	17	59

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
29-1131	Veterinarians	955	1,014	59	6.18%	30	22	52
29-1199	Health Diagnosing and Treating Practitioners, All Other	681	769	88	12.92%	44	13	57
29-2000	Health Technologists and Technicians	22,425	24,790	2,365	10.55%	1,183	371	1,554
29-2011	Medical and Clinical Laboratory Technologists	1,196	1,327	131	10.95%	66	31	97
29-2012	Medical and Clinical Laboratory Technicians	2,612	2,858	246	9.42%	123	68	191
29-2021	Dental Hygienists	1,269	1,453	184	14.50%	92	9	101
29-2031	Cardiovascular Technologists and Technicians	362	407	45	12.43%	23	6	29
29-2032	Diagnostic Medical Sonographers	534	593	59	11.05%	30	9	39
29-2033	Nuclear Medicine Technologists	123	138	15	12.20%	8	2	10
29-2034	Radiologic Technologists and Technicians	2,803	3,121	318	11.34%	159	47	206
29-2041	Emergency Medical Technicians and Paramedics	1,264	1,413	149	11.79%	75	13	88
29-2051	Dietetic Technicians	496	550	54	10.89%	27	6	33
29-2052	Pharmacy Technicians	2,369	2,592	223	9.41%	112	28	140
29-2053	Psychiatric Technicians	486	535	49	10.08%	25	6	31
29-2054	Respiratory Therapy Technicians	449	514	65	14.48%	33	5	38
29-2055	Surgical Technologists	754	851	97	12.86%	49	9	58
29-2056	Veterinary Technologists and Technicians	788	862	74	9.39%	37	9	46
29-2061	Licensed Practical and Licensed Vocational Nurses	4,837	5,265	428	8.85%	214	98	312
29-2071	Medical Records and Health Information Technicians	1,392	1,578	186	13.36%	93	18	111
29-2081	Opticians, Dispensing	686	727	41	5.98%	21	11	32
29-2091	Orthotists and Prosthetists	**	**	**	20.00%	**	**	**
29-9000	Other Healthcare Practitioners and Technical Occupations	411	434	23	5.60%	12	9	21
29-9010	Occupational Health and Safety Specialists and Technicians	371	391	20	5.39%	10	8	18
29-9091	Athletic Trainers	40	43	3	7.50%	2	1	3
29-9100	Other Health Practitioners And Technical Workers	1,213	1,344	131	10.80%	66	20	86
29-9199	Health Professionals and Technicians, All Other (OES Only)	1,213	1,344	131	10.80%	66	20	86
31-0000	Healthcare Support Occupations	37,819	42,392	4,573	12.09%	2,287	594	2,881
31-1000	Nursing, Psychiatric, and Home Health Aides	18,593	20,732	2,139	11.50%	1,070	220	1,290
31-1011	Home Health Aides	5,925	6,702	777	13.11%	389	70	459
31-1012	Nursing Aides, Orderlies, and Attendants	12,284	13,600	1,316	10.71%	658	146	804
31-1013	Psychiatric Aides	384	430	46	11.98%	23	5	28
31-2000	Occupational and Physical Therapist Assistants and Aides	2,156	2,452	296	13.73%	148	33	181
31-2011	Occupational Therapist Assistants	106	117	11	10.38%	6	1	7
31-2012	Occupational Therapist Aides	45	50	5	11.11%	3	1	4
31-2021	Physical Therapist Assistants	1,169	1,331	162	13.86%	81	19	100
31-2022	Physical Therapist Aides	836	954	118	14.11%	59	13	72
31-9000	Other Healthcare Support Occupations	17,070	19,208	2,138	12.52%	1,069	341	1,410
31-9011	Massage Therapists	1,197	1,285	88	7.35%	44	26	70

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SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
31-9091	Dental Assistants	3,508	4,003	495	14.11%	248	93	341
31-9092	Medical Assistants	7,178	8,269	1,091	15.20%	546	129	675
31-9093	Medical Equipment Preparers	330	365	35	10.61%	18	6	24
31-9094	Medical Transcriptionists	970	1,069	99	10.21%	50	18	68
31-9095	Pharmacy Aides	803	859	56	6.97%	28	15	43
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,028	1,096	68	6.61%	34	19	53
31-9099	Healthcare Support Workers, All Other	2,056	2,262	206	10.02%	103	37	140
33-0000	Protective Service Occupations	41,974	44,921	2,947	7.02%	1,474	1,240	2,714
33-1000	First-Line Supervisors/Managers, Protective Service Workers	3,856	4,097	241	6.25%	121	116	237
33-1011	First-Line Supervisors/Managers of Correctional Officers	953	1,017	64	6.72%	32	26	58
33-1012	First-Line Supervisors/Managers of Police and Detectives	1,407	1,490	83	5.90%	42	42	84
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	817	871	54	6.61%	27	32	59
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	679	719	40	5.89%	20	17	37
33-2000	Fire Fighting and Prevention Workers	2,806	2,992	186	6.63%	93	75	168
33-2011	Fire Fighters	2,626	2,805	179	6.82%	90	70	160
33-2021	Fire Inspectors and Investigators	168	174	6	3.57%	3	5	8
33-2022	Forest Fire Inspectors and Prevention Specialists	**	**	**	8.33%	**	**	**
33-3000	Law Enforcement Workers	17,150	18,565	1,415	8.25%	708	381	1,089
33-3011	Bailiffs	**	**	**	4.44%	**	**	**
33-3012	Correctional Officers and Jailers	7,988	8,664	676	8.46%	338	157	495
33-3021	Detectives and Criminal Investigators	920	993	73	7.93%	37	23	60
33-3031	Fish and Game Wardens	209	220	11	5.26%	6	6	12
33-3041	Parking Enforcement Workers	33	36	3	9.09%	2	1	3
33-3051	Police and Sheriff's Patrol Officers	7,750	8,392	642	8.28%	321	189	510
33-3052	Transit and Railroad Police	70	72	2	2.86%	1	2	3
33-9000	Other Protective Service Workers	18,162	19,267	1,105	6.08%	553	669	1,222
33-9011	Animal Control Workers	145	151	6	4.14%	3	16	19
33-9021	Private Detectives and Investigators	613	652	39	6.36%	20	13	33
33-9031	Gaming Surveillance Officers and Gaming Investigators	269	281	12	4.46%	6	6	12
33-9032	Security Guards	13,750	14,586	836	6.08%	418	319	737
33-9091	Crossing Guards	627	705	78	12.44%	39	21	60
33-9099	Protective Service Workers, All Other	2,758	2,892	134	4.86%	67	296	363
35-0000	Food Preparation and Serving Related Occupations	137,811	144,455	6,644	4.82%	3,322	6,766	10,088
35-1000	Supervisors, Food Preparation and Serving Workers	11,208	11,719	511	4.56%	256	299	555
35-1011	Chefs and Head Cooks	960	1,004	44	4.58%	22	35	57
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	10,248	10,715	467	4.56%	234	264	498

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SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
35-2000	Cooks and Food Preparation Workers	31,612	33,034	1,422	4.50%	711	1,311	2,022
35-2011	Cooks, Fast Food	7,931	8,092	161	2.03%	81	315	396
35-2012	Cooks, Institution and Cafeteria	2,415	2,555	140	5.80%	70	96	166
35-2013	Cooks, Private Household	**	**	**	7.14%	**	**	**
35-2014	Cooks, Restaurant	9,419	9,833	414	4.40%	207	374	581
35-2015	Cooks, Short Order	1,944	2,018	74	3.81%	37	77	114
35-2021	Food Preparation Workers	9,889	10,521	632	6.39%	316	449	765
35-3000	Food and Beverage Serving Workers	75,060	78,919	3,859	5.14%	1,930	4,288	6,218
35-3011	Bartenders	4,803	4,934	131	2.73%	66	185	251
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	34,687	36,736	2,049	5.91%	1,025	1,891	2,916
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,668	3,809	141	3.84%	71	386	457
35-3031	Waiters and Waitresses	29,415	30,831	1,416	4.81%	708	1,719	2,427
35-3041	Food Servers, Nonrestaurant	2,487	2,609	122	4.91%	61	109	170
35-9000	Other Food Preparation and Serving Related Workers	19,931	20,783	852	4.27%	426	868	1,294
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	6,875	7,200	325	4.73%	163	310	473
35-9021	Dishwashers	6,847	7,058	211	3.08%	106	326	432
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	6,154	6,467	313	5.09%	157	231	388
35-9099	Food Preparation and Serving Related Workers, All Other	55	58	3	5.45%	2	2	4
37-0000	Building and Grounds Cleaning and Maintenance Occupations	63,662	67,789	4,127	6.48%	2,064	1,261	3,325
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	5,195	5,535	340	6.54%	170	78	248
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	2,423	2,586	163	6.73%	82	54	136
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn	2,772	2,949	177	6.39%	89	24	113
37-2000	Building Cleaning and Pest Control Workers	36,155	38,461	2,306	6.38%	1,153	697	1,850
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	20,806	22,240	1,434	6.89%	717	392	1,109
37-2012	Maids and Housekeeping Cleaners	14,018	14,815	797	5.69%	399	288	687
37-2021	Pest Control Workers	1,331	1,406	75	5.63%	38	17	55
37-3000	Grounds Maintenance Workers	22,312	23,793	1,481	6.64%	741	487	1,228
37-3011	Landscaping and Groundskeeping Workers	21,930	23,396	1,466	6.68%	733	479	1,212
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	72	73	1	1.39%	1	2	3
37-3013	Tree Trimmers and Pruners	53	55	2	3.77%	1	1	2
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	257	269	12	4.67%	6	6	12
39-0000	Personal Care and Service Occupations	47,327	49,850	2,523	5.33%	1,262	1,204	2,466

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SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/ Decline	Sepa- rations ²	Total ³
39-1000	Supervisors, Personal Care and Service Workers	3,000	3,082	82	2.73%	41	70	111
39-1011	Gaming Supervisors	302	314	12	3.97%	6	6	12
39-1012	Slot Key Persons	404	415	11	2.72%	6	8	14
39-1021	First-Line Supervisors/Managers of Personal Service Workers	2,294	2,353	59	2.57%	30	56	86
39-2000	Animal Care and Service Workers	1,687	1,776	89	5.28%	45	39	84
39-2011	Animal Trainers	187	192	5	2.67%	3	4	7
39-2021	Nonfarm Animal Caretakers	1,500	1,584	84	5.60%	42	35	77
39-3000	Entertainment Attendants and Related Workers	6,262	6,326	64	1.02%	32	337	369
39-3011	Gaming Dealers	523	542	19	3.63%	10	22	32
39-3012	Gaming and Sports Book Writers and Runners	99	104	5	5.05%	3	4	7
39-3021	Motion Picture Projectionists	37	32	-5	-13.51%	-3	2	-1
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,130	1,982	-148	-6.95%	-74	182	108
39-3091	Amusement and Recreation Attendants	2,868	3,024	156	5.44%	78	104	182
39-3092	Costume Attendants	24	26	2	8.33%	1	1	2
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	269	286	17	6.32%	9	10	19
39-3199	Gaming Workers, All Other (OES Only)	312	330	18	5.77%	9	13	22
39-4000	Funeral Service Workers	98	104	6	6.12%	3	2	5
39-4011	Embalmers	44	46	2	4.55%	1	1	2
39-4021	Funeral Attendants	54	58	4	7.41%	2	1	3
39-5000	Personal Appearance Workers	9,806	10,098	292	2.98%	146	184	330
39-5011	Barbers	791	804	13	1.64%	7	22	29
39-5012	Hairdressers, Hairstylists, and Cosmetologists	6,834	7,026	192	2.81%	96	123	219
39-5092	Manicurists and Pedicurists	1,277	1,333	56	4.39%	28	23	51
39-5093	Shampooers	319	330	11	3.45%	6	6	12
39-5094	Skin Care Specialists	585	605	20	3.42%	10	11	21
39-6000	Transportation, Tourism, and Lodging Attendants	6,033	6,239	206	3.41%	103	112	215
39-6011	Baggage Porters and Bellhops	729	753	24	3.29%	12	23	35
39-6012	Concierges	473	491	18	3.81%	9	15	24
39-6021	Tour Guides and Escorts	686	720	34	4.96%	17	19	36
39-6022	Travel Guides	158	163	5	3.16%	3	5	8
39-6031	Flight Attendants	**	**	**	3.12%	**	**	**
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	44	46	2	4.55%	1	1	2
39-9000	Other Personal Care and Service Workers	20,441	22,225	1,784	8.73%	892	461	1,353
39-9011	Child Care Workers	6,594	7,181	587	8.90%	294	192	486
39-9021	Personal and Home Care Aides	5,706	6,357	651	11.41%	326	87	413
39-9031	Fitness Trainers and Aerobics Instructors	1,846	1,985	139	7.53%	70	41	111
39-9032	Recreation Workers	4,507	4,801	294	6.52%	147	100	247

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
39-9041	Residential Advisors	230	255	25	10.87%	13	5	18
39-9099	Personal Care and Service Workers, All Other	1,558	1,646	88	5.65%	44	37	81
41-0000	Sales and Related Occupations	209,476	218,060	8,584	4.10%	4,292	7,453	11,745
41-1000	Supervisors, Sales Workers	29,556	30,447	891	3.01%	446	492	938
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	19,526	20,245	719	3.68%	360	320	680
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	10,030	10,202	172	1.71%	86	172	258
41-2000	Retail Sales Workers	105,273	110,018	4,745	4.51%	2,373	5,345	7,718
41-2011	Cashiers	44,384	46,644	2,260	5.09%	1,130	2,871	4,001
41-2012	Gaming Change Persons and Booth Cashiers	94	98	4	4.26%	2	6	8
41-2021	Counter and Rental Clerks	7,030	7,379	349	4.96%	175	328	503
41-2022	Parts Salespersons	2,456	2,485	29	1.18%	15	75	90
41-2031	Retail Salespersons	51,309	53,412	2,103	4.10%	1,052	2,066	3,118
41-3000	Sales Representatives, Services	13,539	14,072	533	3.94%	267	246	513
41-3011	Advertising Sales Agents	3,112	3,249	137	4.40%	69	56	125
41-3021	Insurance Sales Agents	4,397	4,510	113	2.57%	57	100	157
41-3031	Securities, Commodities, and Financial Services Sales Agents	3,491	3,612	121	3.47%	61	35	96
41-3041	Travel Agents	2,539	2,701	162	6.38%	81	55	136
41-4000	Sales Representatives, Wholesale and Manufacturing	34,421	35,977	1,556	4.52%	778	891	1,669
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	12,558	13,104	546	4.35%	273	325	598
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	21,863	22,873	1,010	4.62%	505	566	1,071
41-9000	Other Sales and Related Workers	26,687	27,546	859	3.22%	430	480	910
41-9011	Demonstrators and Product Promoters	835	885	50	5.99%	25	18	43
41-9012	Models	28	29	1	3.57%	1	1	2
41-9021	Real Estate Brokers	3,541	3,582	41	1.16%	21	65	86
41-9022	Real Estate Sales Agents	2,901	3,076	175	6.03%	88	53	141
41-9031	Sales Engineers	1,008	1,044	36	3.57%	18	30	48
41-9041	Telemarketers	11,861	11,985	124	1.05%	62	185	247
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	1,521	1,698	177	11.64%	89	38	127
41-9099	Sales and Related Workers, All Other	4,992	5,247	255	5.11%	128	92	220
43-0000	Office and Administrative Support Occupations	308,136	319,963	11,827	3.84%	5,914	6,868	12,782
43-1000	Supervisors, Office and Administrative Support Workers	19,337	20,008	671	3.47%	336	377	713
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	19,337	20,008	671	3.47%	336	377	713

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
43-2000	Communications Equipment Operators	3,632	3,642	10	0.28%	5	94	99
43-2011	Switchboard Operators, Including Answering Service	2,984	3,025	41	1.37%	21	78	99
43-2021	Telephone Operators	547	514	-33	-6.03%	-17	15	-2
43-2099	Communications Equipment Operators, All Other	101	103	2	1.98%	1	2	3
43-3000	Financial Clerks	46,957	49,027	2,070	4.41%	1,035	1,064	2,099
43-3011	Bill and Account Collectors	8,548	9,165	617	7.22%	309	153	462
43-3021	Billing and Posting Clerks and Machine Operators	5,420	5,598	178	3.28%	89	85	174
43-3031	Bookkeeping, Accounting, and Auditing Clerks	23,580	24,477	897	3.80%	449	416	865
43-3041	Gaming Cage Workers	**	**	**	4.87%	**	**	**
43-3051	Payroll and Timekeeping Clerks	3,347	3,531	184	5.50%	92	84	176
43-3061	Procurement Clerks	628	646	18	2.87%	9	16	25
43-3071	Tellers	5,023	5,179	156	3.11%	78	286	364
43-4000	Information and Record Clerks	92,657	96,940	4,283	4.62%	2,142	1,815	3,957
43-4011	Brokerage Clerks	997	977	-20	-2.01%	-10	12	2
43-4021	Correspondence Clerks	426	427	1	0.23%	1	13	14
43-4031	Court, Municipal, and License Clerks	2,209	2,327	118	5.34%	59	47	106
43-4041	Credit Authorizers, Checkers, and Clerks	2,820	2,806	-14	-0.50%	-7	52	45
43-4051	Customer Service Representatives	42,976	45,110	2,134	4.97%	1,067	620	1,687
43-4061	Eligibility Interviewers, Government Programs	3,041	3,068	27	0.89%	14	75	89
43-4071	File Clerks	3,769	3,869	100	2.65%	50	114	164
43-4081	Hotel, Motel, and Resort Desk Clerks	1,945	2,056	111	5.71%	56	99	155
43-4111	Interviewers, Except Eligibility and Loan	2,525	2,781	256	10.14%	128	65	193
43-4121	Library Assistants, Clerical	701	763	62	8.84%	31	33	64
43-4131	Loan Interviewers and Clerks	5,360	5,289	-71	-1.32%	-36	66	31
43-4141	New Accounts Clerks	863	895	32	3.71%	16	22	38
43-4151	Order Clerks	3,768	3,728	-40	-1.06%	-20	87	67
43-4161	Human Resources Assistants, Except Payroll and	3,683	4,083	400	10.86%	200	76	276
43-4171	Receptionists and Information Clerks	12,640	13,714	1,074	8.50%	537	326	863
43-4181	Reservation and Transportation Ticket Agents and Travel	3,312	3,365	53	1.60%	27	89	116
43-4999	Financial, Information, and Record Clerks, All Other (OES	1,622	1,682	60	3.70%	30	23	53
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	46,151	47,258	1,107	2.40%	554	1,527	2,081
43-5011	Cargo and Freight Agents	588	595	7	1.19%	4	13	17
43-5021	Couriers and Messengers	1,690	1,706	16	0.95%	8	41	49
43-5031	Police, Fire, and Ambulance Dispatchers	975	1,030	55	5.64%	28	20	48
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2,083	2,133	50	2.40%	25	43	68
43-5041	Meter Readers, Utilities	715	710	-5	-0.70%	-3	22	20
43-5051	Postal Service Clerks	590	625	35	5.93%	18	14	32
43-5052	Postal Service Mail Carriers	3,871	4,103	232	5.99%	116	113	229

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	2,427	2,519	92	3.79%	46	58	104
43-5061	Production, Planning, and Expediting Clerks	3,324	3,443	119	3.58%	60	77	137
43-5071	Shipping, Receiving, and Traffic Clerks	11,548	11,833	285	2.47%	143	229	372
43-5081	Stock Clerks and Order Fillers	17,561	17,754	193	1.10%	97	877	974
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	771	799	28	3.63%	14	20	34
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other (OES Only)	**	**	**	0.00%	**	**	**
43-6000	Secretaries and Administrative Assistants	48,111	50,271	2,160	4.49%	1,080	839	1,919
43-6011	Executive Secretaries and Administrative Assistants	22,646	23,665	1,019	4.50%	510	395	905
43-6012	Legal Secretaries	3,925	4,177	252	6.42%	126	69	195
43-6013	Medical Secretaries	1,709	1,857	148	8.66%	74	30	104
43-6014	Secretaries, Except Legal, Medical, and Executive	19,831	20,572	741	3.74%	371	346	717
43-9000	Other Office and Administrative Support Workers	51,291	52,817	1,526	2.98%	763	1,153	1,916
43-9011	Computer Operators	1,867	1,839	-28	-1.50%	-14	39	25
43-9021	Data Entry Keyers	7,029	6,895	-134	-1.91%	-67	168	101
43-9022	Word Processors and Typists	1,996	1,901	-95	-4.76%	-48	43	-5
43-9031	Desktop Publishers	211	220	9	4.27%	5	5	10
43-9041	Insurance Claims and Policy Processing Clerks	2,637	2,694	57	2.16%	29	39	68
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	2,730	2,768	38	1.39%	19	86	105
43-9061	Office Clerks, General	30,861	32,491	1,630	5.28%	815	686	1,501
43-9071	Office Machine Operators, Except Computer	1,299	1,299	0	0.00%	0	34	34
43-9081	Proofreaders and Copy Markers	718	768	50	6.96%	25	17	42
43-9111	Statistical Assistants	124	122	-2	-1.61%	-1	2	1
43-9999	Secretaries, Administrative Assistants, and Other Office	1,819	1,820	1	0.05%	1	37	38
45-0000	Farming, Fishing, and Forestry Occupations	8,290	8,176	-114	-1.38%	-57	245	188
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	427	427	0	0.00%	0	10	10
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	423	424	1	0.24%	1	10	11
45-1012	Farm Labor Contractors	**	**	**	-25.00%	**	**	**
45-2000	Agricultural Workers	7,062	6,948	-114	-1.61%	-57	216	159
45-2011	Agricultural Inspectors	133	139	6	4.51%	3	3	6
45-2021	Animal Breeders	32	32	0	0.00%	0	1	1
45-2041	Graders and Sorters, Agricultural Products	193	189	-4	-2.07%	-2	5	3
45-2091	Agricultural Equipment Operators	900	888	-12	-1.33%	-6	28	22

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SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	5,516	5,414	-102	-1.85%	-51	171	120
45-2093	Farmworkers, Farm and Ranch Animals	288	286	-2	-0.69%	-1	9	8
45-3000	Fishing and Hunting Workers	**	**	**	0.00%	**	**	**
45-3011	Fishers and Related Fishing Workers	**	**	**	0.00%	**	**	**
45-3021	Hunters and Trappers	**	**	**	0.00%	**	**	**
45-4000	Forest, Conservation, and Logging Workers	38	37	-1	-2.63%	-1	1	1
45-4011	Forest and Conservation Workers	27	27	0	0.00%	0	1	1
45-4021	Fallers	**	**	**	0.00%	**	**	**
45-4022	Logging Equipment Operators	**	**	**	-11.11%	**	**	**
45-4023	Log Graders and Scalers	**	**	**	0.00%	**	**	**
45-9000	Other Farming, Fishing, and Forestry Workers	759	760	1	0.13%	1	19	20
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	759	760	1	0.13%	1	19	20
47-0000	Construction and Extraction Occupations	135,723	157,767	22,044	16.24%	11,022	2,609	13,631
47-1000	Supervisors, Construction and Extraction Workers	10,348	12,110	1,762	17.03%	881	152	1,033
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	10,348	12,110	1,762	17.03%	881	152	1,033
47-2000	Construction Trades Workers	103,961	121,157	17,196	16.54%	8,598	1,745	10,343
47-2011	Boilermakers	238	276	38	15.97%	19	9	28
47-2021	Brickmasons and Blockmasons	3,152	3,701	549	17.42%	275	42	317
47-2022	Stonemasons	636	728	92	14.47%	46	9	55
47-2031	Carpenters	27,146	31,374	4,228	15.58%	2,114	398	2,512
47-2041	Carpet Installers	1,529	1,689	160	10.46%	80	21	101
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	227	256	29	12.78%	15	3	18
47-2044	Tile and Marble Setters	1,091	1,312	221	20.26%	111	15	126
47-2051	Cement Masons and Concrete Finishers	5,074	6,087	1,013	19.96%	507	95	602
47-2053	Terrazzo Workers and Finishers	29	35	6	20.69%	3	1	4
47-2061	Construction Laborers	15,224	17,766	2,542	16.70%	1,271	190	1,461
47-2071	Paving, Surfacing, and Tamping Equipment Operators	773	874	101	13.07%	51	11	62
47-2072	Pile-Driver Operators	**	**	**	0.00%	**	**	**
47-2073	Operating Engineers and Other Construction Equipment	5,186	5,941	755	14.56%	378	130	508
47-2081	Drywall and Ceiling Tile Installers	5,671	6,774	1,103	19.45%	552	116	668
47-2082	Tapers	3,662	4,384	722	19.72%	361	75	436
47-2111	Electricians	7,576	8,781	1,205	15.91%	603	141	744
47-2121	Glaziers	533	621	88	16.51%	44	10	54
47-2130	Insulation Workers	384	453	69	17.97%	35	12	47
47-2141	Painters, Construction and Maintenance	7,319	8,505	1,186	16.20%	593	102	695
47-2142	Paperhangers	1,118	1,280	162	14.49%	81	12	93
47-2151	Pipelayers	1,210	1,431	221	18.26%	111	27	138

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SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
47-2152	Plumbers, Pipefitters, and Steamfitters	5,710	6,603	893	15.64%	447	126	573
47-2161	Plasterers and Stucco Masons	2,924	3,451	527	18.02%	264	48	312
47-2171	Reinforcing Iron and Rebar Workers	185	206	21	11.35%	11	4	15
47-2181	Roofers	2,995	3,546	551	18.40%	276	65	341
47-2211	Sheet Metal Workers	1,993	2,271	278	13.95%	139	47	186
47-2221	Structural Iron and Steel Workers	2,369	2,805	436	18.40%	218	43	261
47-3000	Helpers, Construction Trades	13,705	16,032	2,327	16.98%	1,164	565	1,729
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	1,576	1,822	246	15.61%	123	65	188
47-3012	Helpers--Carpenters	4,844	5,722	878	18.13%	439	200	639
47-3013	Helpers--Electricians	1,265	1,469	204	16.13%	102	52	154
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco	1,878	2,227	349	18.58%	175	78	253
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	2,283	2,633	350	15.33%	175	94	269
47-3016	Helpers--Roofers	799	949	150	18.77%	75	33	108
47-3019	Helpers, Construction Trades, All Other	1,060	1,210	150	14.15%	75	44	119
47-4000	Other Construction and Related Workers	5,148	5,654	506	9.83%	253	99	352
47-4011	Construction and Building Inspectors	1,394	1,490	96	6.89%	48	28	76
47-4021	Elevator Installers and Repairers	154	181	27	17.53%	14	4	18
47-4031	Fence Erectors	1,065	1,251	186	17.46%	93	15	108
47-4041	Hazardous Materials Removal Workers	1,077	1,170	93	8.64%	47	28	75
47-4051	Highway Maintenance Workers	964	1,028	64	6.64%	32	13	45
47-4061	Rail-Track Laying and Maintenance Equipment Operators	194	218	24	12.37%	12	5	17
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	235	246	11	4.68%	6	7	13
47-4091	Segmental Pavers	65	70	5	7.69%	3	1	4
47-4900	All Other Construction Trades and Related Workers	1,420	1,556	136	9.58%	68	21	89
47-4999	Construction Trades and Related Workers, All Other (OES)	1,420	1,556	136	9.58%	68	21	89
47-5000	Extraction Workers	1,141	1,258	117	10.25%	59	29	88
47-5011	Derrick Operators, Oil and Gas	124	149	25	20.16%	13	4	17
47-5012	Rotary Drill Operators, Oil and Gas	**	**	**	0.00%	**	**	**
47-5013	Service Unit Operators, Oil, Gas, and Mining	**	**	**	0.00%	**	**	**
47-5021	Earth Drillers, Except Oil and Gas	350	377	27	7.71%	14	7	21
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	37	39	2	5.41%	1	2	3
47-5041	Continuous Mining Machine Operators	**	**	**	-4.55%	**	**	**
47-5042	Mine Cutting and Channeling Machine Operators	**	**	**	0.00%	**	**	**
47-5049	Mining Machine Operators, All Other	**	**	**	0.00%	**	**	**
47-5051	Rock Splitters, Quarry	**	**	**	0.00%	**	**	**
47-5061	Roof Bolters, Mining	**	**	**	0.00%	**	**	**
47-5071	Roustabouts, Oil and Gas	**	**	**	0.00%	**	**	**
47-5081	Helpers--Extraction Workers	553	618	65	11.75%	33	15	48

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47-5099	Extraction Workers, All Other	39	38	-1	-2.56%	-1	1	1
49-0000	Installation, Maintenance, and Repair Occupations	70,955	75,137	4,182	5.89%	2,091	1,548	3,639
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	5,169	5,480	311	6.02%	156	118	274
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	5,169	5,480	311	6.02%	156	118	274
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	9,557	9,797	240	2.51%	120	169	289
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,527	1,581	54	3.54%	27	17	44
49-2021	Radio Mechanics	88	86	-2	-2.27%	-1	2	1
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2,985	2,836	-149	-4.99%	-75	54	-21
49-2091	Avionics Technicians	308	313	5	1.62%	3	7	10
49-2092	Electric Motor, Power Tool, and Related Repairers	153	158	5	3.27%	3	4	7
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	403	419	16	3.97%	8	10	18
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1,846	1,905	59	3.20%	30	38	68
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	53	55	2	3.77%	1	1	2
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	**	**	**	0.00%	**	**	**
49-2097	Electronic Home Entertainment Equipment Installers and	714	756	42	5.88%	21	13	34
49-2098	Security and Fire Alarm Systems Installers	1,417	1,624	207	14.61%	104	25	129
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	45	46	1	2.22%	1	1	2
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	24,602	25,735	1,133	4.61%	567	622	1,189
49-3011	Aircraft Mechanics and Service Technicians	2,219	2,312	93	4.19%	47	50	97
49-3021	Automotive Body and Related Repairers	2,589	2,702	113	4.36%	57	50	107
49-3022	Automotive Glass Installers and Repairers	1,051	1,092	41	3.90%	21	19	40
49-3023	Automotive Service Technicians and Mechanics	12,510	13,106	596	4.76%	298	325	623
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,739	2,859	120	4.38%	60	68	128
49-3041	Farm Equipment Mechanics	243	252	9	3.70%	5	5	10
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,511	1,618	107	7.08%	54	30	84
49-3043	Rail Car Repairers	65	65	0	0.00%	0	2	2
49-3051	Motorboat Mechanics	115	120	5	4.35%	3	3	6
49-3052	Motorcycle Mechanics	47	49	2	4.26%	1	1	2
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	160	168	8	5.00%	4	4	8
49-3091	Bicycle Repairers	55	56	1	1.82%	1	3	4
49-3092	Recreational Vehicle Service Technicians	239	252	13	5.44%	7	12	19

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
49-3093	Tire Repairers and Changers	1,052	1,077	25	2.38%	13	53	66
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	**	**	**	0.00%	**	**	**
49-9000	Other Installation, Maintenance, and Repair Occupations	31,627	34,125	2,498	7.90%	1,249	639	1,888
49-9011	Mechanical Door Repairers	136	144	8	5.88%	4	4	8
49-9012	Control and Valve Installers and Repairers, Except Mechanical	715	761	46	6.43%	23	18	41
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and	4,315	5,064	749	17.36%	375	50	425
49-9031	Home Appliance Repairers	808	828	20	2.48%	10	19	29
49-9041	Industrial Machinery Mechanics	904	912	8	0.88%	4	17	21
49-9042	Maintenance and Repair Workers, General	14,366	15,236	870	6.06%	435	255	690
49-9043	Maintenance Workers, Machinery	1,272	1,276	4	0.31%	2	29	31
49-9044	Millwrights	322	329	7	2.17%	4	8	12
49-9045	Refractory Materials Repairers, Except Brickmasons	**	**	**	0.00%	**	**	**
49-9051	Electrical Power-Line Installers and Repairers	434	448	14	3.23%	7	14	21
49-9052	Telecommunications Line Installers and Repairers	1,631	1,862	231	14.16%	116	43	159
49-9061	Camera and Photographic Equipment Repairers	36	36	0	0.00%	0	1	1
49-9062	Medical Equipment Repairers	130	142	12	9.23%	6	4	10
49-9063	Musical Instrument Repairers and Tuners	247	256	9	3.64%	5	7	12
49-9064	Watch Repairers	335	347	12	3.58%	6	9	15
49-9069	Precision Instrument and Equipment Repairers, All Other	99	102	3	3.03%	2	3	5
49-9091	Coin, Vending, and Amusement Machine Servicers and	321	329	8	2.49%	4	8	12
49-9092	Commercial Divers	**	**	**	0.00%	**	**	**
49-9093	Fabric Menders, Except Garment	**	**	**	0.00%	**	**	**
49-9094	Locksmiths and Safe Repairers	278	289	11	3.96%	6	9	15
49-9095	Manufactured Building and Mobile Home Installers	60	62	2	3.33%	1	2	3
49-9096	Riggers	**	**	**	0.00%	**	**	**
49-9097	Signal and Track Switch Repairers	54	55	1	1.85%	1	2	3
49-9098	Helpers--Installation, Maintenance, and Repair Workers	2,061	2,240	179	8.69%	90	76	166
49-9099	Installation, Maintenance, and Repair Workers, All Other	3,079	3,383	304	9.87%	152	67	219
51-0000	Production Occupations	94,004	94,541	537	0.57%	269	2,258	2,527
51-1000	Supervisors, Production Workers	6,041	6,119	78	1.29%	39	116	155
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	6,041	6,119	78	1.29%	39	116	155
51-2000	Assemblers and Fabricators	19,763	19,344	-419	-2.12%	-210	496	287
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems	**	**	**	-0.55%	**	**	**
51-2021	Coil Winders, Tapers, and Finishers	280	271	-9	-3.21%	-5	7	3
51-2022	Electrical and Electronic Equipment Assemblers	2,153	2,052	-101	-4.69%	-51	49	-2
51-2023	Electromechanical Equipment Assemblers	484	467	-17	-3.51%	-9	11	3
51-2031	Engine and Other Machine Assemblers	**	**	**	-3.50%	**	**	**

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
51-2041	Structural Metal Fabricators and Fitters	478	471	-7	-1.46%	-4	11	8
51-2091	Fiberglass Laminators and Fabricators	293	296	3	1.02%	2	8	10
51-2092	Team Assemblers	13,609	13,367	-242	-1.78%	-121	348	227
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	120	115	-5	-4.17%	-3	3	1
51-2099	Assemblers and Fabricators, All Other	1,841	1,807	-34	-1.85%	-17	47	30
51-3000	Food Processing Workers	7,062	7,154	92	1.30%	46	168	214
51-3011	Bakers	2,196	2,256	60	2.73%	30	52	82
51-3021	Butchers and Meat Cutters	1,417	1,429	12	0.85%	6	32	38
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	290	306	16	5.52%	8	7	15
51-3023	Slaughterers and Meat Packers	1,040	1,029	-11	-1.06%	-6	24	19
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	166	164	-2	-1.20%	-1	5	4
51-3092	Food Batchmakers	1,654	1,661	7	0.42%	4	43	47
51-3093	Food Cooking Machine Operators and Tenders	294	303	9	3.06%	5	7	12
51-3099	Food Processing Workers, All Other (OES Only)	**	**	**	20.00%	**	**	**
51-4000	Metal Workers and Plastic Workers	16,112	16,127	15	0.09%	8	383	391
51-4011	Computer-Controlled Machine Tool Operators, Metal and	582	575	-7	-1.20%	-4	8	5
51-4012	Numerical Tool and Process Control Programmers	93	93	0	0.00%	0	2	2
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	863	844	-19	-2.20%	-10	29	20
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and	348	345	-3	-0.86%	-2	5	4
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and	316	311	-5	-1.58%	-3	7	5
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,442	1,428	-14	-0.97%	-7	32	25
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	506	493	-13	-2.57%	-7	13	7
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	694	677	-17	-2.45%	-9	13	5
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	605	588	-17	-2.81%	-9	11	3
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	430	436	6	1.40%	3	7	10
51-4041	Machinists	3,181	3,212	31	0.97%	16	71	87
51-4051	Metal-Refining Furnace Operators and Tenders	27	27	0	0.00%	0	1	1
51-4052	Pourers and Casters, Metal	41	40	-1	-2.44%	-1	1	1
51-4061	Model Makers, Metal and Plastic	**	**	**	0.00%	**	**	**
51-4062	Patternmakers, Metal and Plastic	**	**	**	0.00%	**	**	**
51-4071	Foundry Mold and Coremakers	171	166	-5	-2.92%	-3	4	2

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/ Decline	Sepa- rations ²	Total ³
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	949	929	-20	-2.11%	-10	22	12
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	459	448	-11	-2.40%	-6	13	8
51-4111	Tool and Die Makers	429	420	-9	-2.10%	-5	9	5
51-4121	Welders, Cutters, Solderers, and Brazers	3,397	3,536	139	4.09%	70	94	164
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	257	251	-6	-2.33%	-3	7	4
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	236	230	-6	-2.54%	-3	10	7
51-4192	Lay-Out Workers, Metal and Plastic	41	41	0	0.00%	0	1	1
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	391	382	-9	-2.30%	-5	9	5
51-4194	Tool Grinders, Filers, and Sharpeners	460	456	-4	-0.87%	-2	14	12
51-4199	Metal Workers and Plastic Workers, All Other	136	141	5	3.68%	3	3	6
51-5000	Printing Workers	3,388	3,292	-96	-2.83%	-48	77	29
51-5011	Bindery Workers	522	504	-18	-3.45%	-9	14	5
51-5012	Bookbinders	23	22	-1	-4.35%	-1	1	1
51-5021	Job Printers	544	518	-26	-4.78%	-13	12	-1
51-5022	Prepress Technicians and Workers	631	593	-38	-6.02%	-19	14	-5
51-5023	Printing Machine Operators	1,668	1,655	-13	-0.78%	-7	37	31
51-5099	Printing Workers, All Other (OES Only)	**	**	**	0.00%	**	**	**
51-6000	Textile, Apparel, and Furnishings Workers	8,674	9,056	382	4.40%	191	200	391
51-6011	Laundry and Dry-Cleaning Workers	3,036	3,210	174	5.73%	87	86	173
51-6021	Pressers, Textile, Garment, and Related Materials	1,365	1,442	77	5.64%	39	21	60
51-6031	Sewing Machine Operators	988	997	9	0.91%	5	11	16
51-6041	Shoe and Leather Workers and Repairers	242	242	0	0.00%	0	8	8
51-6042	Shoe Machine Operators and Tenders	**	**	**	0.00%	**	**	**
51-6051	Sewers, Hand	34	34	0	0.00%	0	1	1
51-6052	Tailors, Dressmakers, and Custom Sewers	317	327	10	3.15%	5	6	11
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	27	28	1	3.70%	1	1	2
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	**	**	**	2.22%	**	**	**
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and	**	**	**	0.00%	**	**	**
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	195	192	-3	-1.54%	-2	4	3
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	**	**	**	0.00%	**	**	**
51-6092	Fabric and Apparel Patternmakers	106	104	-2	-1.89%	-1	6	5

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
51-6093	Upholsterers	436	437	1	0.23%	1	11	12
51-6099	Textile, Apparel, and Furnishings Workers, All Other	1,830	1,944	114	6.23%	57	46	103
51-7000	Woodworkers	2,687	2,650	-37	-1.38%	-19	71	53
51-7011	Cabinetmakers and Bench Carpenters	1,163	1,156	-7	-0.60%	-4	31	28
51-7021	Furniture Finishers	473	465	-8	-1.69%	-4	10	6
51-7031	Model Makers, Wood	51	50	-1	-1.96%	-1	2	2
51-7032	Patternmakers, Wood	37	36	-1	-2.70%	-1	2	2
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	505	497	-8	-1.58%	-4	16	12
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	437	425	-12	-2.75%	-6	11	5
51-7099	Woodworkers, All Other	21	21	0	0.00%	0	1	1
51-8000	Plant and System Operators	1,690	1,763	73	4.32%	37	48	85
51-8011	Nuclear Power Reactor Operators	**	**	**	2.00%	**	**	**
51-8012	Power Distributors and Dispatchers	35	36	1	2.86%	1	1	2
51-8013	Power Plant Operators	109	112	3	2.75%	2	3	5
51-8021	Stationary Engineers and Boiler Operators	292	307	15	5.14%	8	5	13
51-8031	Water and Liquid Waste Treatment Plant and System	835	879	44	5.27%	22	29	51
51-8091	Chemical Plant and System Operators	92	92	0	0.00%	0	3	3
51-8092	Gas Plant Operators	**	**	**	11.11%	**	**	**
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	41	43	2	4.88%	1	1	2
51-8099	Plant and System Operators, All Other	68	70	2	2.94%	1	2	3
51-9000	Other Production Occupations	28,587	29,036	449	1.57%	225	701	926
51-9011	Chemical Equipment Operators and Tenders	50	50	0	0.00%	0	2	2
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	252	248	-4	-1.59%	-2	8	6
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	389	376	-13	-3.34%	-7	10	4
51-9022	Grinding and Polishing Workers, Hand	1,154	1,153	-1	-0.09%	-1	29	29
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	696	679	-17	-2.44%	-9	18	10
51-9031	Cutters and Trimmers, Hand	214	218	4	1.87%	2	5	7
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	366	374	8	2.19%	4	8	12
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	515	501	-14	-2.72%	-7	14	7
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	144	139	-5	-3.47%	-3	4	2
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	4,132	4,207	75	1.82%	38	90	128
51-9071	Jewelers and Precious Stone and Metal Workers	82	83	1	1.22%	1	2	3
51-9081	Dental Laboratory Technicians	644	630	-14	-2.17%	-7	13	6
51-9082	Medical Appliance Technicians	303	324	21	6.93%	11	6	17

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
51-9083	Ophthalmic Laboratory Technicians	530	544	14	2.64%	7	11	18
51-9111	Packaging and Filling Machine Operators and Tenders	3,639	3,857	218	5.99%	109	71	180
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	989	984	-5	-0.51%	-3	26	24
51-9122	Painters, Transportation Equipment	397	420	23	5.79%	12	11	23
51-9123	Painting, Coating, and Decorating Workers	233	243	10	4.29%	5	6	11
51-9131	Photographic Process Workers	287	294	7	2.44%	4	7	11
51-9132	Photographic Processing Machine Operators	660	682	22	3.33%	11	16	27
51-9141	Semiconductor Processors	**	**	**	-2.32%	**	**	**
51-9191	Cementing and Gluing Machine Operators and Tenders	90	90	0	0.00%	0	3	3
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	**	**	**	-0.90%	**	**	**
51-9193	Cooling and Freezing Equipment Operators and Tenders	**	**	**	-2.41%	**	**	**
51-9194	Etchers and Engravers	34	34	0	0.00%	0	1	1
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	296	303	7	2.36%	4	7	11
51-9196	Paper Goods Machine Setters, Operators, and Tenders	680	681	1	0.15%	1	14	15
51-9197	Tire Builders	41	42	1	2.44%	1	1	2
51-9198	Helpers--Production Workers	8,728	8,866	138	1.58%	69	256	325
51-9199	Production Workers, All Other	1,169	1,183	14	1.20%	7	27	34
53-0000	Transportation and Material Moving Occupations	113,798	117,534	3,736	3.28%	1,868	2,675	4,543
53-1000	Supervisors, Transportation and Material Moving Workers	4,302	4,440	138	3.21%	69	94	163
53-1011	Aircraft Cargo Handling Supervisors	129	133	4	3.10%	2	3	5
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,762	1,820	58	3.29%	29	39	68
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	2,411	2,487	76	3.15%	38	53	91
53-2000	Air Transportation Workers	3,386	3,506	120	3.54%	60	84	144
53-2011	Airline Pilots, Copilots, and Flight Engineers	2,572	2,654	82	3.19%	41	64	105
53-2012	Commercial Pilots	587	618	31	5.28%	16	15	31
53-2021	Air Traffic Controllers	141	148	7	4.96%	4	4	8
53-2022	Airfield Operations Specialists	86	86	0	0.00%	0	2	2
53-2099	Air Transportation Workers, All Other (OES Only)	**	**	**	0.00%	**	**	**
53-3000	Motor Vehicle Operators	46,966	48,880	1,914	4.08%	957	638	1,595
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	**	**	**	9.09%	**	**	**
53-3021	Bus Drivers, Transit and Intercity	2,800	2,890	90	3.21%	45	57	102
53-3022	Bus Drivers, School	3,669	4,038	369	10.06%	185	75	260
53-3031	Driver/Sales Workers	5,281	5,427	146	2.76%	73	79	152
53-3032	Truck Drivers, Heavy and Tractor-Trailer	20,161	20,873	712	3.53%	356	301	657

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Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
53-3033	Truck Drivers, Light or Delivery Services	12,922	13,394	472	3.65%	236	104	340
53-3041	Taxi Drivers and Chauffeurs	1,015	1,062	47	4.63%	24	8	32
53-3099	Motor Vehicle Operators, All Other	1,041	1,112	71	6.82%	36	14	50
53-4000	Rail Transportation Workers	705	718	13	1.84%	7	17	24
53-4011	Locomotive Engineers	217	221	4	1.84%	2	6	8
53-4012	Locomotive Firers	**	**	**	0.00%	**	**	**
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	37	37	0	0.00%	0	1	1
53-4021	Railroad Brake, Signal, and Switch Operators	115	113	-2	-1.74%	-1	1	0
53-4031	Railroad Conductors and Yardmasters	276	283	7	2.54%	4	7	11
53-4041	Subway and Streetcar Operators	**	**	**	12.50%	**	**	**
53-4099	Rail Transportation Workers, All Other	47	50	3	6.38%	2	2	4
53-5000	Water Transportation Workers	48	50	2	4.17%	1	2	3
53-5011	Sailors and Marine Oilers	**	**	**	0.00%	**	**	**
53-5021	Captains, Mates, and Pilots of Water Vessels	**	**	**	0.00%	**	**	**
53-5022	Motorboat Operators	23	25	2	8.70%	1	1	2
53-5031	Ship Engineers	**	**	**	0.00%	**	**	**
53-5099	Water Transportation Workers, All Other (OES Only)	**	**	**	0.00%	**	**	**
53-6000	Other Transportation Workers	4,389	4,551	162	3.69%	81	159	240
53-6011	Bridge and Lock Tenders	**	**	**	0.00%	**	**	**
53-6021	Parking Lot Attendants	1,799	1,867	68	3.78%	34	59	93
53-6031	Service Station Attendants	890	920	30	3.37%	15	49	64
53-6041	Traffic Technicians	178	187	9	5.06%	5	6	11
53-6051	Transportation Inspectors	307	312	5	1.63%	3	7	10
53-6099	Transportation Workers, All Other	1,212	1,262	50	4.13%	25	39	64
53-7000	Material Moving Workers	54,002	55,389	1,387	2.57%	694	1,683	2,377
53-7011	Conveyor Operators and Tenders	360	370	10	2.78%	5	11	16
53-7021	Crane and Tower Operators	219	234	15	6.85%	8	5	13
53-7031	Dredge Operators	27	29	2	7.41%	1	1	2
53-7032	Excavating and Loading Machine and Dragline Operators	488	530	42	8.61%	21	13	34
53-7033	Loading Machine Operators, Underground Mining	41	40	-1	-2.44%	-1	1	1
53-7041	Hoist and Winch Operators	**	**	**	0.00%	**	**	**
53-7051	Industrial Truck and Tractor Operators	5,042	5,136	94	1.86%	47	90	137
53-7061	Cleaners of Vehicles and Equipment	6,108	6,327	219	3.59%	110	235	345
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	27,988	28,460	472	1.69%	236	1,053	1,289
53-7063	Machine Feeders and Offbearers	862	847	-15	-1.74%	-8	25	18
53-7064	Packers and Packagers, Hand	11,634	12,141	507	4.36%	254	220	474
53-7071	Gas Compressor and Gas Pumping Station Operators	**	**	**	0.00%	**	**	**
53-7072	Pump Operators, Except Wellhead Pumps	**	**	**	16.67%	**	**	**
53-7073	Wellhead Pumps	**	**	**	0.00%	**	**	**

2003-2005 Phoenix-Mesa MSA Occupation Projections

Standard Occupation Classification (SOC) ¹		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Growth/Decline	Separations ²	Total ³
53-7081	Refuse and Recyclable Material Collectors	936	971	35	3.74%	18	24	42
53-7111	Shuttle Car Operators	**	**	**	20.00%	**	**	**
53-7121	Tank Car, Truck, and Ship Loaders	111	113	2	1.80%	1	3	4
53-7199	Material Moving Workers, All Other	163	166	3	1.84%	2	5	7

¹For more information on the Standard Occupational Classification (SOC) system, go to: www.bls.gov/soc/socguide.htm
[For Occupational Dictionary click here](#)

²Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

³Total annual change is the sum from growth or decline plus separations.

**Data suppressed due to confidentiality or base employment of 20 or less.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics.

Headings in **bold** font are the major occupational groups of the Standard Occupational Classification (SOC) system.
Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.
Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Totals may not add exactly due to rounding or suppression of data.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.
Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.
It is therefore recommended that these data be used with other sources of occupational information.

See Notes worksheet for additional information.

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.**

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by DES Research Administration. The short term industry projections are available online at:
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.